Number Hits Search Text 1 2 6309601.pm. USPAT; USP	α.
2 4202 ("pre determined" or "pre defined") near8 signal and glass near8 (support or substrate) ("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate) ("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate) ("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ("pre determined" or "pre defined") near8 (support or substrate) ("pre determined" or "pre defined") near8 (support or substrate) and covalent near8 (support or substrate)) and covalent near8 (support or substrate) and covalents near8 (support or substrate) near	6 12:37
2 4202 ("pre determined" or "pre defined") near8 signal and glass near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate) ("("pre determined" or "pre defined") near8 signal) and silicon or glass or ceramic) near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) near8 (support or substrate) (("pre determined" or "pre defined") near8 (support or substrate) (("pre determined" or "pre defined") near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent	
2 4202 ("pre determined" or "pre defined") near8 signal SIPAT; signal S	
Signal ("pre determined" or "pre defined") near8 signal ("pre determined" or "pre defined") near8 signal and glass near8 (support or substrate) signal and glass near8 (support or substrate) supharties (("pre determined" or "pre defined") near8 signal and silicon or glass or ceramic) near8 (support or substrate) near8 (support or substra	6 12.49
Signal (("pre determined" or "pre defined") near8 signal and glass near8 (support or substrate) (("pre determined" or "pre defined") near8 signal and glass near8 (support or substrate) and covalent near8 (support or substrate) and covalent near8 (support or substrate) ("pre determined" or "pre defined") near8 signal and (silicon or glass or ceramic) near8 (support or substrate) near8 (support or substra	0 12.15
Signal And glass near8 (support or substrate) 2002/08/08/08/08/08/08/08/08/08/08/08/08/08/	
Signal) and glass mear8 (support or substrate) 8 ((("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate) and covalent near8 (support or substrate) and covalent near8 (support or substrate) 90 (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) 8 (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) 10 (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) and covalents3 signal) and (silicon or glass or ceramic) (""pre determined" or "pre defined") near8 (support or substrate) (""pre determined" or "pre defined") near8 (support or substrate) (""pre determined" or "pre defined") near8 (support or substrate) (""pre determined" or "pre defined") near8 (support or substrate) (""pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (""pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (""pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (""pre determined" or "pre defined") near8 (support or substrate)) or "pre defined") near8 signal) and (silicon or glass or ceramic) (""pre determined" or "pre defined") near8 signal) and (silicon	
signal) and glass near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or "pre defined") near8 signal) and solicon or glass o	6 12:43
substrate) {	
Section Compared	
signal) and glass near8 (support or substrate) and covalent near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (covalent near8 (support or substrate)) and (covalent near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate) and (covalent\$3 near8 (support or substrate)) and covalent near8 (support or substrate) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent ("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and covalent	6 12:39
substrate) and covalent near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate)) and covalent53 near8 (support or substrate) and covalent53 near8 (support or substrate)) and covalent53 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent53 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent53 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent53 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal and covalent53 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and (("pre determined" or "pre defined") near8 signal) and covalent53 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent53 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent53 same (silicon or glass or ceramic) near8 (support or substrate)) and covalent53 same (silicon or glass	
substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) 8 10 ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 same (silicon or substrate) and covalent\$3 same (silicon or su	
10 ("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) near8 (signal) and (silicon or glass or ceramic) near8 (support or substrate)	
Signal and (silicon or glass or ceramic) near8 (support or substrate) DERWENT Signal and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) and covalent near8 (support or substrate) near8 (support or subst	6 12:50
near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 and covalent near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((""pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate))	
Rear's (comport or "bre defined") near's signal) and (silicon or glass or ceramic) near's (support or substrate) and covalent near's (support or substrate) and covalent near's (support or substrate) and covalent near's (support or substrate)) and covalent near's (support or substrate) and covalent's near's (support or substrate)	
signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) and covalent near8 (support or substrate) not ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) 10 10 10 10 10 10 10 10 10	16 12 - 45
near8 (support or substrate) and covalent near8 (support or substrate) (((""pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate) and covalent near8 (support or substrate) and covalent near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 same (silicon or "pre defined") near8 signal) and silicon or "pre d	70 12.45
near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) and covalent\$3 near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 sign	
near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) and covalent\$3 near8 (support or substrate) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 sign	
(((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) 10 ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) 2 (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent\$3 near8 (support or substrate) not (((("pre determined" or "pre defined") near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) 10 16 (("pre determined" or "pre defined") near8 (support or substrate)) and covalent near8 (support or substrate)) 10 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) 11 (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) 12 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) 12 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) 13 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) 14 ("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) 15 ("pre determined" or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and covalent\$3 same (support or "pre defined") near8 signal) and support or substrate) and (silicon or "pre defin	
signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) and covalent near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent\$3 near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) and (silicon or glass or ceramic) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and (("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) and covalent\$3 same (silicon or "pre defined") near8 (support or "pre defined") near8)6 12:44
near8 (support or substrate)) and covalent near8 (support or substrate)) not (((("predetermined" or "pre defined") near8 signal) and glass near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent\$3 near8 (support or substrate) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("predetermined" or "predefined") near8 (support or substrate)) not ((("predetermined" or "predefined") near8 (support or substrate)) and covalent near8 (support or substrate)) and (covalent near8 (support or substrate)) and (("predetermined" or "predefined") near8 signal) and (silicon or glass or ceramic) ((("predetermined" or "predefined") near8 signal) and covalent\$3 same (silicon or glass or ceramic)) not ((("predetermined" or "predefined") or "predefined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) not ((("predetermined" or "predefined") or "predefined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) not ((("predetermined" or "predefined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) not ((("predetermined" or "predefined") near8 signal) and covalent\$3 same (silicon or "predefined") near8 signal) and covalent\$3 same (silicon or "predefined") near8 (support or "predefined") near8 signal) and covalent\$3 same (silicon or "predefined") near8 signal) and silicon or "predefined") near8 signa	
near8 (support or substrate)) not ((('"pre determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) and covalent near8 (support or substrate)) 10 (('"pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) 2 ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) and covalent near8 (support or substrate)) 10 16 ("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) 10 ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
determined" or "pre defined") near8 signal) and glass near8 (support or substrate)) and covalent near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and (silicon or glass or ceramic) near8 (support or substrate)) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
and glass near8 (support or substrate) and covalent near8 (support or substrate) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) and covalent near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic)) not (((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and (silicon or glass or ceramic) near8 (support or substrate) and (silicon or glass or ceramic) near8 (support or substrate) and (silicon or glass or ceramic) near8 (support or substrate) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate) and covalent\$3 near8 (support or substrate) and covalent\$3 near8 (support or substrate))	
covalent near8 (support or substrate)) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) 2 (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) 10 ((("pre determined" or "pre defined") near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) 10 16 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
10 ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent\$3 near8 (support or substrate) not ((("pre determined" or "pre defined") near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic)) not (((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic)) not ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
Signal) and (silicon or glass or ceramic) near8 (support or substrate) and covalent\$3 near8 (support or substrate) ((("pre determined" or "pre defined") near8 (support or substrate) ((("pre determined" or "pre defined") near8 (support or substrate) not (((("pre determined" or "pre defined") near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 (signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 (signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or glass or ceramic) near8 (support or substrate) and (silicon or glass or ceramic) near8 (support or substrate) support or substrate) and (silicon or glass or ceramic) near8 (support or substrate) support or substrate) support or substrate) near8 (support or substrate) support or substrate)	06 12:46
near8 (support or substrate)) and covalent\$3 near8 (support or substrate) 2 (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) 10 16 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or	
near8 (support or substrate) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or substrate)) and covalent\$3 near8 (support or substrate))	
2 (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 (support or substrate)) and covalent near8 (support or substrate)) and covalent near8 (support or substrate)) 10 16 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) 12 0 ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) 12 near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) (("pre determined" or "pre defined") near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or	06 12.45
near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) 16 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	JO 12.43
near8 (support or substrate)) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) 16 (("pre determined" or "pre defined") near8 (signal) and covalent\$3 same (silicon or glass or ceramic) 17 ((("pre determined" or "pre defined") near8 (signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic)) not (() near8 (support or substrate)) and covalent\$3 near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) 16 (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) 16 ("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic))) not (support or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)	
and (silicon or glass or ceramic) near8 (support or substrate)) and covalent near8 (support or substrate)) 16 ("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic))) not (support or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)	
(support or substrate)) and covalent near8 (support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) ((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic))) not (support or substrate)) and covalent\$3 near8 (support or substrate))	
(support or substrate)) (("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)	
10	
signal) and covalent\$3 same (silicon or glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic)) not (support or substrate)) and covalent\$3 near8 (support or substrate)	06 12:51
glass or ceramic) (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate)	
0 (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$\$3 near8 (support or substrate)	
signal) and (silicon or glass or ceramic) near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	06 12:47
near8 (support or substrate)) and ((("pre determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
determined" or "pre defined") near8 signal) and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
and covalent\$3 same (silicon or glass or ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
ceramic))) not (((("pre determined" or "pre defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
defined") near8 signal) and (silicon or glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
glass or ceramic) near8 (support or substrate)) and covalent\$3 near8 (support or substrate))	
substrate)) and covalent\$3 near8 (support or substrate))	
substrate))	
substrate)) 10 (("pre_determined" or "pre_defined") near8 USPAT: 2002/08/	
10 / (("pre_determined" or "pre_defined") near8 USPAT: 2002/08/	
10 / // prc accermance or pro accerman	06 12:47
signal) and (silicon or glass or ceramic) US-PGPUB;	
near8 (support or substrate)) and ((("pre DERWENT	
determined" or "pre defined") near8 signal)	
and covalent\$3 same (silicon or glass or	
ceramic))	
	06 12:50
13 5459 ("pre determined" or "pre defined") hears US-PGPUB; US-PGPUB;	
(value or intensity) DERWENT	
3002/08/	06 12:51
14 1 140 // DIE GCCCIMINCG OF PIG GGTTTGG / TOTAL	
(value or intensity)) and (silicon or glass US-PGPUB;	
or ceramic) near8 (support or substrate) DERWENT	ne 10-cr
115 T T T T T T T T T T T T T T T T T T	06 12:55
(value or intensity)) and (silicon or glass US-PGPUB;	
or ceramic) near8 (support or substrate)) DERWENT	
and covalent\$3 same (substrate or support or	
silicon or glass or ceramic)	

16	1	5578832.pn. and glass	USPAT;	2002/08/06 12:55
10		oc, coccipies and g	US-PGPUB;	
İ			DERWENT	
17	1	5578832.pn. and covalent\$3	USPAT;	2002/08/06 12:55
		-	US-PGPUB;	
		_	DERWENT	((1- 1-
18	1	(5578832.pn. and glass) and (5578832.pn. and	USPAT;	2002/08/06 12:55
	'	covalent\$3)	US-PGPUB;	
			DERWENT	2002/08/06 12:55
19	1	(5578832.pn. and glass) or (5578832.pn. and	USPAT;	2002/08/06 12:55
		covalent\$3)	US-PGPUB; DERWENT	
1			DEKWENI	

Search History 8/6/02 12:56:45 PM Page 2
C:\APPS\EAST\workspaces\10046728 array alignment for detection.wsp